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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: David P. Bour; Nathan F. Gardner; Werner K. Goetz; Stephen A. Stockman; Tetsuya Takeuchi; Ghulam Hasnain; Christopher P. Kocot; Mark R. Hueschen
Assignee: Lumileds Lighting U.S. LLC
Title: Light Emitting Diodes With Graded Composition Active Regions
Serial No.: 09/912,589 ✓ Filing Date: July 24, 2001
Examiner: Wai Sing Louie Group Art Unit: 2814
Docket No.: M-8772 US ✓

San Jose, California
January 7, 2003

COMMISSIONER FOR PATENTS
Washington, D. C. 20231

RESPONSE TO OFFICE ACTION

Dear Sir:

This responds to the Office Action dated October 7, 2002. Please amend the above identified application as follows.

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IN THE CLAIMS

The following is a clean version of the entire set of pending claims. In accordance with 37 CFR § 1.121(c)(1)(ii), Attachment A provides marked up versions of the claims containing the newly introduced changes.

9. (Amended) A method of forming a light emitting device, the method comprising:
forming a first semiconductor layer of a first conductivity type and having a first surface;
forming an active region over the first semiconductor layer, the active region including a second semiconductor layer, the second semiconductor layer one of a quantum well layer and a barrier layer, the second semiconductor layer formed from a III-Nitride semiconductor alloy having a composition graded in a direction substantially perpendicular to the first

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